



Structure of native LH-RH	1	2	3	4	5	6	7	8	9	10
Example 1	pGlu	His	Trp	Ser	Tyr	Gly	Leu	Arg	Pro	GlyNH ₂
Example 2	pGlu	His	Trp	Ser	Tyr	SPL(Pro)	Npg	Arg	Pro	NHC ₂ H ₅
Example 3	pGlu	His	Trp	Ser	Tyr	D-Ala	Npg	Arg	Pro	NHC ₂ H ₅
Example 4	pGlu	His	Trp	Ser	Tyr	D-Leu	Npg	Arg	Pro	NHC ₂ H ₅
Example 5	pGlu	His	Trp	Ser	Tyr	D-Phe	Npg	Arg	Pro	NHC ₂ H ₅
Example 6	pGlu	His	Trp	Ser	Tyr	D-Trp	Npg	Arg	Pro	GlyNH ₂
Leuprorelin	pGlu	His	Trp	Ser	Tyr	D-Ala	Leu	Arg	Pro	NHC ₂ H ₅
Triptorelin	pGlu	His	Trp	Ser	Tyr	D-Leu	Leu	Arg	Pro	NHC ₂ H ₅
Deslorelin	pGlu	His	Trp	Ser	Tyr	D-Trp	Leu	Arg	Pro	GlyNH ₂
Goserelin	pGlu	His	Trp	Ser	Tyr	D-Trp	Leu	Arg	Pro	NHC ₂ H ₅
Buserelin	pGlu	His	Trp	Ser	Tyr	D-Ser(OBu ^t)	Leu	Arg	Pro	azaGlyNH ₂
Antide	AcDNaI	D-pClPhe	D-Pal	Ser	NicLys	D-NicLys	Leu	Arg	Pro	NHC ₂ H ₅
Abarelix	D-Ala	D-pClPhe	D-Ala	Ser	Tyr	D-Asp	Leu	IprLys	Pro	D-AlaNH ₂
cetrorelix	AcDNaI	D-pClPhe	D-Pal	Ser	Tyr	D-Cit	Leu	Arg	Pro	D-AlaNH ₂